

CLAIMS

1. A frame structure for partition walls (P) of building rooms, comprising a plurality of substantially vertical and substantially horizontal elongate support members (2), which are mutually connected at their ends to define a substantially rigid framework, at least one of said elongate members (2) comprising a base profile (3) which has at least one central portion (4) adapted to define a housing (5) for the peripheral edges (R) of a partition wall (P) and two end portions (6) adapted to engage with lateral profiles (7) for accommodating the peripheral edges (R) of the partition wall (P), characterized in that said central portion (4) is substantially parallel to and offset from a geometric plane (G) defined by said end portions (6), so as to increase the height of said housing (5), while maintaining the same transverse dimension of said elongate support members (2).

2. A structure as claimed in claim 1, characterized in that, at each of said end portions (6), said base profile (3) comprises a first appendix (8) and a second appendix (9), which face toward each other to define a corresponding shaped seat (10).

3. A structure as claimed in claim 2, characterized in that said first (8) and second (9) appendixes are disposed transverse to said geometric plane (G).

4. A structure as claimed in claim 2, characterized in that each of said base profiles (3) includes snap means (11) at said shaped seats (10) for engagement of said lateral accommodating profiles (7).

5. A structure as claimed in claim 1, characterized in that each of said base profiles (3) has a plurality of holes (12), for fastening thereof by screws (13) on a partition wall (P), or on a wall of the building, or on the ceiling (S) or floor (F) of the room.

6. A structure as claimed in claim 1, characterized in that it further

comprises one or more spacer profiles (14), adapted to mutually connect at least two adjacent panels (A), being part of a partition wall (P), each of said spacer profiles (14) having two symmetric portions (15) substantially equal to said base portions (3).

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7. A structure as claimed in claim 6, characterized in that said symmetric portions (15) of each of said spacer profiles (14) are disposed with their respective geometric planes (G) in substantially parallel positions.

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8. A structure as claimed in claim 7, characterized in that each of said spacer profiles (14) is positioned horizontally between two adjacent panels (A), with the latter being in a vertically superimposed relationship, or between a partition wall (P) and the floor (F) and/or the ceiling (S) of the room.

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9. A structure as claimed in claim 7, characterized in that each of said spacer profiles (14) is positioned vertically between two partition walls (P), or between a partition wall (P) and a wall of the building.

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10. A structure as claimed in claim 1, characterized in that said elongate support members (2) include at least one upper horizontal profile (16) and at least one lower horizontal profile (17) for supporting a sliding door (D), which is movable between a closing position and an opening position.

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11. A structure as claimed in claim 10, characterized in that said upper horizontal profile (16) has a central portion (4'') and at least one end portion (6''), which are substantially equal to the corresponding central portion (4) and end portion (6) of said base profile (3).

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12. A structure as claimed in claim 11, characterized in that said upper horizontal profile (16) further has a third appendage (19), which protrudes along a direction substantially orthogonal to said central portion (4'').

13. A structure as claimed in claim 12, characterized in that third protruding appendage (19) has a rail (20) for guiding one or more wheels or rollers (21) whose axles are integral with the sliding door (D).

5 14. A structure as claimed in claim 11, characterized in that said upper horizontal profile (16) further has a second central portion (18), to enhance the rigidity of said upper horizontal profile (16).

10 15. A structure as claimed in claim 10, characterized in that said lower horizontal profile (17) has a central portion (4''') and at least one end portion (6'''), which are substantially equal to the corresponding central portion (4) and end portion (6) of said base profile (3).

15 16. A structure as claimed in claim 15, characterized in that said lower horizontal profile (17) further has a longitudinal cavity (22), for accommodating a lower edge (E) of the sliding door (D).